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Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)  <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)))	<b>Attorney Docket Number</b>	RCA 88648
	<b>First Named Inventor</b>	Debbie Indira Lewis
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIGITAL VIDEO APPARATUS USER INTERFACE

the specification of which

(Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

July 20, 1999

as United States Application Number or PCT International

Application Number **PCT/US99/16375** and was amended on (MM/DD/YYYY) **August 25, 2000** (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above:

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign	Foreign Filing Date	Priority	Certified Copy Attached?	
			YES	NO
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/093,346	July 20, 1998	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
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[Page 1 of 2]

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to:

☐ Customer Number  
or Bar Code LabelOR ☒ Correspondence address belowName JOSEPH S. TRIPOLI - PATENT OPERATIONSAddress THOMSON multimedia Licensing Inc.Address PO Box 5312City PRINCETONState NJZIP 08540Country USTelephone 609-734-9650Fax 1-609-734-9700

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) DEBBIE INDIRAFamily Name  
or SurnameLEWISInventor's  
Signature *Debbie Lewis*Date 01/25/2001Residence: City NORCROSSState GACountry USCitizenship JAMAICAMailing Address 615 Ivy Chase Lane

Mailing Address

City NorcrossState GAZIP 30092Country US

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) PRATISH RATILALFamily Name  
or SurnameDESAIInventor's  
Signature

Date

Residence: City FREMONTState CACountry USCitizenship INMailing Address 34778 Comstock Common

Mailing Address

City FremontState CAZIP 94555Country US☒ Additional inventors are being named on 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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## DECLARATION

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**Supplemental Sheet**  
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
ROBERT HOWARD		MILLER		
Inventor's Signature			Date	
Residence: City	Leawood	State	KS	Country US
Mailing Address		2900 West 93rd Street		
Mailing Address				
City	Leawood	State	KS	Country US
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MICHAEL DILLON		RICH		
Inventor's Signature			Date	
Residence: City	Fishers	State	IN	Country US
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Correspondence address below

Name **JOSEPH S. TRIPOLI - PATENT OPERATIONS**Address **THOMSON multimedia Licensing Inc.**Address **PO Box 5312**City **PRINCETON**State **NJ**ZIP **08540**Country **US**Telephone **609-734-9650**Fax **1-609-734-9700**

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**NAME OF SOLE OR FIRST INVENTOR :**☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any]) **DEBBIE INDIRA**Family Name  
or Surname **LEWIS**Inventor's  
Signature

Date

Residence: City **NORCROSS**State **GA**Country **US**Citizenship **JAMAICA**Mailing Address **615 Ivy Chase Lane**

Mailing Address

City **Norcross**State **GA**ZIP **30092**Country **US****NAME OF SECOND INVENTOR:**☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any]) **PRATISH RATILAL**Family Name  
or Surname **DESAI**Inventor's  
Signature

Date

**2/5/2001**Residence: City **FREMONT**State **CA**Country **US**Citizenship **IN**Mailing Address **34778 Comstock Common**

Mailing Address

City **Fremont**State **CA**ZIP **94555**Country **US**☒ Additional inventors are being named on 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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<b>Name</b> JOSEPH S. TRIPOLI - PATENT OPERATIONS			
<b>Address</b> THOMSON multimedia Licensing Inc.			
<b>Address</b> PO Box 5312			
<b>City</b> PRINCETON		<b>State</b> NJ	<b>ZIP</b> 08540
<b>Country</b> US	<b>Telephone</b> 609-734-9650		<b>Fax</b> 1-609-734-9700
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>			
<b>NAME OF SOLE OR FIRST INVENTOR :</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name (first and middle [if any])</b> DEBBIE INDIRA		<b>Family Name or Surname</b>	LEWIS
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b> NORCROSS	<b>State</b> GA	<b>Country</b> US	<b>Citizenship</b> JAMAICA
<b>Mailing Address</b> 615 Ivy Chase Lane			
<b>Mailing Address</b>			
<b>City</b> Norcross	<b>State</b> GA	<b>ZIP</b> 30092	<b>Country</b> US
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name (first and middle [if any])</b> PRATISH RATILAL		<b>Family Name or Surname</b>	DESAI
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b> FREMONT	<b>State</b> CA	<b>Country</b> US	<b>Citizenship</b> IN
<b>Mailing Address</b> 34778 Comstock Common			
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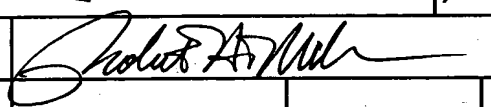
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ROBERT HOWARD		MILLER	
Inventor's Signature			Date <u>4-5-01</u>
Residence: City	Leawood	State KS	Country US
Mailing Address	2900 West 93rd Street <span style="float: right;">US</span>		
Mailing Address			
City	Leawood	State KS	ZIP 66206-1811
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Signature

Date

Residence: City **NORCROSS**State **GA**Country **US**Citizenship **JAMAICA**Mailing Address **615 Ivy Chase Lane**

Mailing Address

City **Norcross**State **GA**ZIP **30092**Country **US****NAME OF SECOND INVENTOR:**☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) **PRATISH RATILAL**Family Name  
or Surname**DESAI**Inventor's  
Signature

Date

Residence: City **FREMONT**State **CA**Country **US**Citizenship **IN**Mailing Address **34778 Comstock Common**

Mailing Address

City **Fremont**State **CA**ZIP **94555**Country **US**☒ Additional inventors are being named on 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → +

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
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## DECLARATION

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 3 of 3

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])				Family Name or Surname	
ROBERT HOWARD				MILLER	
Inventor's Signature					Date
Residence: City		Leawood	State	KS	Country US
Mailing Address		2900 West 93rd Street			
Mailing Address					
City		Leawood	State	KS	Country US
ZIP		66206-1811		Country US	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])				Family Name or Surname	
MICHAEL DILLON				RICH	
Inventor's Signature		<i>Michael Dillon Rich</i>			Date <i>2/1/01</i>
Residence: City		Fishers	State	IN	Country US
Mailing Address		9653 Aberdeen Court <i>US</i>			
Mailing Address					
City		Fishers	State	IN	Country US
ZIP		46038-8931		Country US	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])				Family Name or Surname	
Inventor's Signature					Date
Residence: City			State		Country
Mailing Address					
Mailing Address					
City			State		Country
ZIP				Country	

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FORM PTO-1595  
9-21-95

RCA 88648

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Patent and Trademark OfficeRECORDATION FORM COVER SHEET  
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To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): DEBBIE INDIRA LEWIS, PRATISH RATILAL DESAI, ROBERT HOWARD MILLER, MICHAEL DILLON RICH		2. Name and address of receiving party(ies): Name: THOMSON Licensing S.A. Internal Address: 46 Quai A. Le Gallo F-92648 Boulogne Cedex, France	
Additional name(s) of conveying party(ies) attached: Yes No X		Street Address:	
3. Nature of conveyance: Assignment X Merger Security Agreement Change of Name Other		City: State: Zip:	
Execution Date: 25 January, 5 February, 5 April and 1 February 2001		Additional name(s) & address(es) attached? Yes No X	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) US 60/093,346 US 60/093,347 PCT/US99/16375 US 09/743,654 Additional numbers attached? Yes No X		B. Patent No.(s)	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI Internal Address: PATENT OPERATIONS- THOMSON MULTIMEDIA LICENSING INC.  Street Address: PO Box 5312  City: PRINCETON State: NEW JERSEY Zip :08543-5312		6. Total number of applications and patents involved: 1  7. Total Fee (37 CFR 3.41): \$40.00 Enclosed X Authorized to be charged to deposit account  8. Deposit account number: 07-0832	

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

PAUL P. KIEL

Name of Person Signing

  
SignatureApril 11, 2001  
Date

Total number of pages including cover sheet, attachments, and document: 5

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ASSIGNMENT AND AGREEMENT

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of (if plural inventors are named below) of the inventions relating to

4 joint inventors

DIGITAL VIDEO APPARATUS USER INTERFACE

and described in RCA Docket No 88648 and the thereupon-based International (Patent Cooperation Treaty) Application for patent about to be filed or lately filed by said corporation naming me/us as inventor(s).

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions and application, and all the rights and privileges under any and all Patents that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	3145 AVALON RIDGE PLACE #200 NORCROSS GA 30092	Date	01/25/2001
Inventor (1)	DEBBIE INDIRA LEWIS (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	615 Ivy Chase Lane, Norcross, Georgia 30092 USA		
1st Witness	Larry W DeVice (Type or Print)	(Signature in Full. No initials.)	
2nd Witness	Byron Brenner (Type or Print)	(Signature in Full. No initials.)	
Signed at		Date	
Inventor (2)	PRATISH RATILAL DESAI (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	34778 Comstock Common, Fremont, California 94555 USA		
1st Witness		(Signature in Full. No initials.)	
2nd Witness		(Signature in Full. No initials.)	
Signed at		Date	
Inventor (3)	ROBERT HOWARD MILLER (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	2900 West 93 <sup>rd</sup> Street, Leawood, Kansas 66206-1811 USA		
1st Witness		(Signature in Full. No initials.)	
2nd Witness		(Signature in Full. No initials.)	
Signed at		Date	
Inventor (4)	MICHAEL DILLON RICH (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	9653 Aberdeen Court, Fishers, Indiana 46038-8931 USA		
1st Witness		(Signature in Full. No initials.)	
2nd Witness		(Signature in Full. No initials.)	

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PO Box 5312  
Princeton, NJ 08543-5312

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Signed at	Date	
Inventor (1)	DEBBIE INDIRA LEWIS (Type or Print)	(Signature in Full. No initials.)
Post Office Address	615 Ivy Chase Lane, Norcross, Georgia 30092 USA	
1st Witness	(Type or Print)	(Signature in Full. No initials.)
2nd Witness	(Type or Print)	(Signature in Full. No initials.)
Signed at	MOUNTAIN VIEW, CA, USA	Date 2/5/2001
Inventor (2)	PRATISH RATILAL DESAI (Type or Print)	Pratish R. Desai (Signature in Full. No initials.)
Post Office Address	34778 Comstock Common, Fremont, California 94555 USA	
1st Witness	Gil Sponcer (Type or Print)	(Signature in Full. No initials.)
2nd Witness	Hemali P. Desai (Type or Print)	H. Desai (Signature in Full. No initials.)
Signed at	Date	
Inventor (3)	ROBERT HOWARD MILLER (Type or Print)	(Signature in Full. No initials.)
Post Office Address	2900 West 93 <sup>rd</sup> Street, Leawood, Kansas 66206-1811 USA	
1st Witness	(Type or Print)	(Signature in Full. No initials.)
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Inventor (4)	MICHAEL DILLON RICH (Type or Print)	(Signature in Full. No initials.)
Post Office Address	9653 Aberdeen Court, Fishers, Indiana 46038-8931 USA	
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2nd Witness (Type or Print)	(Signature in Full. No initials.)
Signed at	Date
Inventor (2) <u>PRATISH RATILAL DESAI</u> (Type or Print)	(Signature in Full. No initials.)
Post Office Address <u>34778 Comstock Common, Fremont, California 94555 USA</u>	
1st Witness (Type or Print)	(Signature in Full. No initials.)
2nd Witness (Type or Print)	(Signature in Full. No initials.)
Signed at <u>Overland Park, KS</u>	Date <u>4-5-01</u>
Inventor (3) <u>ROBERT HOWARD MILLER</u> (Type or Print)	(Signature in Full. No initials.)
Post Office Address <u>2900 West 93rd Street, Leawood, Kansas 66206-1811 USA</u>	
1st Witness <u>Barbara Elaine Ballard</u> (Type or Print)	(Signature in Full. No initials.)
2nd Witness <u>Tony Alan Stewart</u> (Type or Print)	(Signature in Full. No initials.)
Signed at	Date
Inventor (4) <u>MICHAEL DILLON RICH</u> (Type or Print)	(Signature in Full. No initials.)
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1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (2)	<u>PRATISH RATILAL DESAI</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>34778 Comstock Common, Fremont, California 94555 USA</u>		
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Inventor (3)	<u>ROBERT HOWARD MILLER</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>2900 West 93<sup>rd</sup> Street, Leawood, Kansas 66206-1811 USA</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Thomson Multimedia, Indianapolis, IN USA</u>	Date	<u>February 1, 2001</u>
Inventor (4)	<u>MICHAEL DILLON RICH</u> (Type or Print)		<u>Michael Dillon Rich</u> (Signature in Full. No initials.)
Post Office Address	<u>9653 Aberdeen Court, Fishers, Indiana 46038-8931 USA</u>		
1st Witness	<u>Sean Phillip Conrad</u> (Type or Print)		<u>Sean Phillip Conrad</u> (Signature in Full. No initials.)
2nd Witness	<u>MARTIN VINCENT DAVEY</u> (Type or Print)		<u>Mart Vincent Davey</u> (Signature in Full. No initials.)

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